

ABSTRACT OF THE DISCLOSURE

A method and system of polyline generation for rendering a representation of a geographic region is provided. Within a database containing geographic data, polyline data entities represent geographic features. Each polyline data entity is associated with a drawcode
5 that defines attributes of the data entity, and organized within the database based on the drawcode. During a rendering process, a processor can read a group of data from a database stored on a disc that is organized to contain all polyline data entities associated with the same drawcode. The processor can then render all geographic features in an area that are similar using one or a minimum number of disc reads.